

# Section I

## ***Support***

### **PROJECT MANAGERS**

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## SUMMARY

Mission Support, Project Baseline Summary (PBS) OT01, consists of four sub-projects:

- Planning and Integration [Work Breakdown Structure] (WBS 1.8.2.1)]
- Systems Engineering (WBS 1.8.2.2)
- Environmental Compliance (WBS 1.8.2.3)
  - The Environmental Compliance Program is composed of two elements. These two elements were stand-alone programs known as the Hanford Environmental Management Program (HEMP) and the Effluent and Environmental Monitoring Program (EEM) prior to FY99. Although there is a single program, these elements retain their identity on the Integrated Priority List as two separate Units of Analysis.
- Public Safety and Resource Protection (WBS 1.8.2.4)

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of October 31, 2000. All other information is as of November 17, 2000 unless otherwise noted.

## Project Controls

### **Draft FY 2001 Phase II Multi Year Work Plan (MYWP) Delivered**

**¾** In compliance with the Baseline Update Guidance (BUG) Phase II requirements, draft Fiscal Year (FY) 2002 (through life cycle) Multi-Year Work Plans (MYWPs) were formally transmitted to DOE-RL on November 15, 2000. Consistent with the guidance, the draft Phase II submittal:

- Reflects the conversion of several indirect accounts to direct accounts.
- Realigns project baselines to the Preferred Schedule Option Case (PSOC) work scope.
- Reduces FH Base Operations by ten percent through FY 2016.
- Implements DOE's phased approach to Order 435.1, requiring the identification and incorporation of radioactive waste management activities in life-cycle baselines.

Discussions are underway with the Mission Planning Division to incorporate feedback and resolve issues in preparation for the final submittal, due December 15, 2000.

**MYWP Systems Support** **¾** New cost baseline exhibits were developed for the Project Execution Reporting Module (PERM) to support the Phase II electronic MYWPs; these exhibits (currently in test phase) allow for formula calculation of escalation and fee amounts over the life cycle of the project.

**FY 2001 Safeguards and Security (SAS) WBS** **¾** **SAS** will remain an EM-funded activity in FY 2001. Therefore, Project Controls moved Safeguards and Security from the 2.14 WBS (Work-for-Others structure) to WBS 1.13 in the Environmental Management structure for FY 2001 execution.

**FY 2002 RL Work Breakdown Structure** ¾ Project Controls is incorporating the FY 2002 Work Breakdown Structure for DOE-RL per the final MYWP Phase II BUG. This includes some level 3 and many level 4 changes. Level 5 must be determined and incorporated before the Projects can map the existing baseline activities to the new structure.

**Site Summary Schedule Update** ¾ During October, efforts continued on the development of a revised Site Summary Schedule to reflect significant activities and deliverables aligned to Site Outcomes, and to be an effective communications tool with its stakeholders and regulators. The basic format has been developed and the process of defining the major work activities and milestones is progressing. The latest update divides the schedule graphic into three pages. Page 1 will display the River Corridor, page 2 will display the Central Plateau and page 3 will contain pictures, graphs, tables, etc. The initial product will display all activities relative to achieving significant clean up by 2012. A review cycle will be conducted to remove events deemed unnecessary and add any omissions. Discussions regarding content are ongoing between FH Project Controls, Pacific Northwest National Laboratory (PNNL), and Bechtel Hanford, Inc. (BHI).

**RL Summary Schedule (1000 Node) Update** ¾ Project Controls is currently updating the RL Summary Schedule to the August 2000 baseline. Updated MYWP schedule exhibits will be displayed in the Hanford Data Integrator (HANDI) system by mid-December. As part of the Phase II MYWP updates, the Projects will re-plan detailed work activities consistent with the PSOC provided in the Phase II BUG. Updated detailed schedules will then form the basis for updated RL Summary Schedule. Project schedulers continue to meet with their representatives on the schedule options team to map existing baselines and/or develop new schedule activities in support of the preferred option. The re-priced detailed project schedules will be used to determine if the preferred schedule option can be supported within funding realities.

**Support for RL Integrated Science and Technology (S&T) Plan** ¾ Project Controls is supporting the RL-Assistant Manager for Planning and Integration and RL-Assistant Manager for Science and Technology activities to provide a Site perspective on major challenges impacting the cleanup mission. This is a site wide S&T planning effort initiated from the DOE-HQ/EM-50 (Gerald Boyd) visit to the Hanford Site several weeks ago. A “top-down” approach will be used to develop the Site plan utilizing existing Groundwater/Vadose Zone and Spent Nuclear Fuel S&T Plans as first steps. A draft of the Site plan is targeted for completion the end of January.

**Performance Management Meetings** ¾ As requested, the November 1 and 2, 2000, “River” and “Plateau” Performance Management Meetings (PMMs) were arranged to provide an overview of FH’s FY 2000 performance. In a departure from the usual monthly status format, the standard topic areas (including accomplishments, safety status, breakthroughs, opportunities for improvement and performance objectives achievement, cost/schedule performance, and issues) reviewed performance for the whole of FY 2000. Pre-meeting materials were distributed to attendees for both meetings as planned, and both meetings were held as scheduled.

**Environmental Management Performance Report (EMPR)** ¾ The October EMPR was delivered to RL on October 11, 2000, as scheduled. The November EMPR was

delivered on Friday, November 10, 2000. This year-end report included summaries of each Project's accomplishments for FY 2000, as well as a list of FH's overall "Top Five" accomplishments. To add focus to each accomplishment, they were individually categorized into one of three groups: Momentum, Progress, and Completion & Removal.

**Business Management Oversight Process (BMOP) Status  $\frac{3}{4}$**  As required by DOE 224.1, a self-assessment report addressing the FY 2000 BMOP expectations and measurement criteria was submitted to DOE-RL on October 30, 2000.

The FY 2001 draft BMOP expectations and measurement criteria were transmitted to the FH Points of Contact (POCs) for review and comment in September. Although RL's target date to finalize the FY 2001 Plan was September 30, 2000, the FY 2001 BMOP criteria were not issued until October 31, 2000. Upon review, it was discovered that additional changes were necessary. Consequently, the document will be reissued sometime in December.

**Performance Execution and Reporting Module (PERM) Status  $\frac{3}{4}$**  September FY 2000 and year-end performance data was collected in the PERM module and batch-fed to the DOE-HQ Integrated Planning and Budgeting System-Project Execution Module (IPABS-PEM) system on November 3, 2000. After transmittal to DOE-HQ, the data set was rolled over to accommodate the collection of FY 2001 data. October's FY 2001 performance data is due to DOE-HQ the week of November 24, 2000.

## **Systems Engineering and Integration (SE&I)**

FH Systems Engineering and Integration is supporting several RL, FH, and Project level initiatives at this time. The initiatives being supported include the Schedule Options Study and the re-alignment of the Project Baseline Summaries. Other initiatives include the Requirements Initiatives Integration Team and the Phase II Baseline Update Guidance. Project level initiatives include Waste Management Project Strategic Planning, the Spent Nuclear Fuels alternative analysis, and a Value Engineering study for the River Corridor Project.

## **Environmental Compliance Program (ECP)**

Ecology initiated modification of the Hanford Facility (HF) RCRA Permit, Dangerous Waste (DW) portion in two parts. The two parts consist of the corrective action portion and changes to be incorporated as part of Modification E. Ecology issued the corrective action portion on March 29, 2000, and an appeal was submitted on April 27, 2000. Resolution discussions were held in Seattle on October 31, 2000, between Ecology and DOE to discuss the corrective action appeal and the potential appeal of the proposed Modification E issuance. As a result, DOE and Ecology legal counsels are working on revised language for the corrective action portion. Ecology also agreed to evaluate the Waste Analysis Plan (WAP) for WRAP provided in Modification E, and evaluate it against Modification F WAP for 222-S. The results of the WAP evaluation will determine the path forward for issuance of Modification E and Modification F.

The software bridge between the Chemical Management System (CMS) and the P-Card System was successfully tested. The first inventory of chemicals using the CMS by demonstrating capability to receive, bar code, inventory and track chemicals at PFP was successfully conducted.

WDOH submitted a letter dated October 18, 2000, which supercedes the March 1, 2000 letter on the Hanford Site Maximally Exposed Individual (MEI). As expected, WDOH has clarified their MEI definition to include any member of the public who is employed on “DOE-owned but unrestricted land.”

Fortunately, this definition excludes the Columbia River shoreline and WYE barricade scenarios that were in the original letter. WDOH expressed their willingness to work with RL and Site contractors in establishing the best dose modeling for all release conditions.

## **Public Safety and Resource Protection (PSRP)**

Public Safety and Resource Protection (PS&RP) staff is engaged in the RL FY 2001 budget modification scenarios to identify top priority activities and impacts of potential budget reductions. The evaluations include the identification and prioritization of FY 2000 carryover scope, identification and prioritization of “emerging issues,” and the identification of potential impacts to be realized if the program receives an eight percent budget reduction from the currently approved baseline.

## **ACCOMPLISHMENTS**

### **Project Controls**

- The deliverable, Submit Summary of Proposed Updates for MYWP Phase II was delivered on November 15, 2000 as scheduled.
- The deliverable, Submit Initial FY 2001 MYWP Phase II Strategic Synopsis was delivered on November 15, 2000 as scheduled.
- The deliverable, Submit FY 2000 BMOP Self Assessment Report was delivered on October 30, 2000.
- The deliverable, Monthly EMPR was delivered on October 11, 2000.
- The deliverable, Deliver Project Execution Module (PEM) FY 2000 Year-End Report to DOE-HQ was completed on November 3, 2000.

### **Systems Engineering and Integration**

FH Systems Engineering and Integration (SE&I) supported the accomplishment of the Fluor Hanford Mission in the following areas:

- SE&I supported the initiative (Requirements Initiatives Integration Team [RIIT]) to find at least \$30M in efficiencies in base operations to allow RL to fund critical work in FY 2001 and FY 2002. This initiative has currently identified over \$26M in efficiencies.
- SE&I is working on the initiative to align the Project Baseline Summaries (PBS) and Work Breakdown Structure (WBS) to the Hanford Outcomes.

- SE&I is working with Project Controls and the FH Projects to implement the Phase II Baseline Update Guidance.
- SE&I worked with the FH projects to provide integrated technical information for the IPABS-IS data feed.
- SE&I is working with the Spent Nuclear Fuels Project to analyze alternatives to the current baseline. The alternative being analyzed relates to moving fuel from the K East basin into the K West basin for cleaning and packaging.
- SE&I is supporting the Waste Management Project Strategic Planning efforts.

## **Environmental Compliance**

### **RCRA Permit**

- The Class 1 modifications to the Hanford Facility RCRA Permit for Quarter ending September 30, 2000 for the Internet, was processed. The Hanford Facility Emergency Management Plan, PUREX Storage Tunnels, and LERF/ETF have been posted to the Internet. The 242-A modifications are awaiting revised modification forms to correct errors in the September 30 submittal.
- Milestone ECP-01-705, issue and post on the Internet the *Annual Hanford Site Environmental Permitting Status Report*, was completed on November 14, 2000. The report contains summaries for over 400 RCRA, Clean Air, and Clean Water Act permits that are currently active.
- Milestone ECP-01-702, *Closure/Post closure Cost Estimate* was completed on October 23, 2000. The volume of the routine data used in the report was significantly reduced. The report was delivered to Ecology on October 31, 2000.
- Representatives from RL, FH, and BHI met with Ecology concerning the closure of the area where 17 drums of Multi Media Interface (MMI) disputed waste that were stored in the 200 East Pipe Lay down Area. The start date for compliance with the MMI Consent Agreement Final Order (CAFO) was agreed upon to be October 16, 2000. The first CAFO requirement to meet with Ecology within 30 days was met. Meeting minutes will be issued to document the meeting. Agreement was reached on the general closure plan outline and contents. The final closure plan will be delivered to Ecology on February 13, 2001 with a public review and comment period.
- A Part B permitting workshop was held with Ecology for the Low-Level Burial Grounds (LLBG). Ecology stated their desire for the LLBG boundaries to remain as in the last approved Part A permit application, including all 8 burial grounds. In addition, Ecology asked that all mixed waste disposed of since the initial Part A, Revision 0, was submitted in 1985 be identified. FH requested more time to discuss the issue before responding.

### **Air & Water Program**

- Assistance was provided to T-Plant for the preparation of preliminary information for the radiation air notice of construction. Concurrence from WDOH that preliminary activities supporting fuel removal, such as electrical and lighting upgrades and fuel canister fabrication, can precede was presented at the November Routine Technical Assistance Meeting (RTAM).
- The bimonthly Air/Water Permit Schedule was placed on the Intranet under the Air Operation

Permit homepage on November 1, 2000. With the expansion in the number of Hanford prime contractors and DOE offices, this has become an increasingly difficult task. Plans are to build a simple table for the Air Operating Permit Home Page where each contractor can periodically update their permitting information. The table should be available for use by all prime contractors and DOE offices by January 2001.

- The monthly Discharge Monitoring Report for September 2000 was sent to the Director, Office of Water, and EPA Region 10 (with copies to Ecology and RL) under the site-wide NPDES permit.
- The Permittee Data Report was sent to Environmental Resource Associates, an EPA designated vendor, to meet an interim requirement under National Pollutant Discharge Elimination System (NPDES) Discharge Monitoring Report-Quality Assurance Study # 20 by EPA.
- An update to the Class V Underground Injection Control (UIC) Well registration is in preparation. The UIC listing is required under WAC 173-218.
- The Routine Technical Assistance Meeting with WDOH was coordinated to acquire approval for surveillance of the 231-Z building, Notice of Construction (NOC) revision for WSCF, concurrence on pre-construction/routine activities for T Plant, and the removal of the Shipping port Fuel and storage of the K Basin Sludge.

## **NEPA**

- NEPA coverage was provided for the 218-W-5 LLBG review regarding possible trench addition to 218-W-5.

## **Air Compliance**

- Management and integration support was provided on the asbestos site-wide program in billing verification and tracking asbestos Notification of Intent approvals for the site contractors, including Bechtel Hanford (BHI) and PNNL. Agency interaction involves frequent contact with the Benton Clean Air Authority (BCAA). A call for site wide facility input was also developed/initiated, pursuant to WMP-GD-ES-401, for incorporation into the annual asbestos notification of intent, due to the BCAA in December. This activity will complete an ECP milestone.
- Coordination support will be provided during the first fiscal quarter of 2001 for the planned Ecology Air technical assistance visits. An Ecology Air Interface meeting was also held the first week of November. Participants from FH, RL, BHI, and PNNL discussed current issues with the Ecology permit writer/Point of Contact (POC) in this forum.
- A review was conducted of the BHI strategy for air permitting of planned entry/sampling of hexone tanks (276-S-141/142 tanks). WDOH and EPA provided assistance regarding options for developing documentation for rapid approval. This work was conducted in support of the site wide aspect of clean air compliance associated with accessing waste tanks for sampling/characterization.
- Continued as the Point-of-Contact for FH with the WDOH Olympia and Richland offices, regarding the Washington State Radioactive Air Emissions Program. Continued to assist with communications between WDOH, DOE-RL, and facilities regarding compliance questions, strategies, and permitting associated with radioactive air emission. In particular, assisted with communications regarding WDOH questions about 222-S stack cracks, CSB ventilation system

compliance with American Society of Mechanical Engineers/ American National Standards Institute (ASME/ANSI) N510, T Plant sludge storage and Shipping-port fuel removal, and PFP's results of main stack sample line investigation.

- Assisted with finalizing assessment and strategy regarding response to the WDOH order calling for compliance with the annual calibration/functional testing of Magnehelic Differential Pressure (DP) Gages associated with radioactive airborne emissions abatement systems. Assistance involved input/review of compliance response package, and assisting with WDOH/DOE/contractor interface regarding the issues.
- Investigated/reported on regulatory/requirements basis for HNF-PRO-450's monthly source check required for continuous air monitors (CAMs) associated with National Emission Standards for Hazardous Air Pollutants (NESHAP) major stacks.
- Developed and published Regulatory Analysis Memorandum (RAM) 00-014 addressing regulation of onsite radioactive container transportation by the WDOH.

## **Inspections/Assessments**

Regulatory Agency inspections and information requests were coordinated/facilitated at the following facilities:

- On October 19, 2000, inspectors from the Washington State Department of Ecology (Ecology) performed a Water Quality Inspection at the Fast Flux Test Facility (FFTF).
- On November 2, 2000, WDOH inspected the Canister Storage Building
- On November 6, 2000, Ecology performed a follow-on inspection of the 2714-U Drum at T Plant.
- On November 8, Ecology performed a follow-on inspection at FFTF.
- On November 8 and 9, 2000, Ecology performed an inspection of WSCF

Environmental compliance assessments were performed at the request of the following facilities:

- Central Waste Complex (sodium)
- 222-S Lab (Toxic Substance Control Act (TSCA) PCBs)

The notification letter to Ecology for the Fiscal Year 2001 Hanford Resources Conservation and Recovery Act Permit General Inspection schedule was completed as required by Permit Condition II.0.

## **Crosscutting Compliance/Issue Resolution**

- A meeting was conducted to review efforts in assembling a complete file of the Silver List issues, which is a list of some Environmental Compliance Deficiencies, and to review current status of available forms. A letter is being prepared to formally respond to Ecology's request for information on the Silver List items.
- The Ecology's legal documentation they submitted to the Pollution Control Hearings Board (PCHB) concerning land disposal restriction (LDR) issues was reviewed. The FH legal counsel was supported in developing responses to Ecology's first set of interrogatory questions submitted to the

PCHB that RL has to answer concerning LDR issues. The second set of interrogatory questions from Ecology was also reviewed.

- Site wide efforts continue on improvements to the RCRA contingency plan program. Nineteen examples on how the recently negotiated "3-step criteria" for implementation of the contingency plan criteria were updated and placed out for review to site wide environmental and emergency preparedness personnel. In addition, draft permit conditions have been distributed for review in order to change the Hanford Facility RCRA Permit to be consistent with the new three-step criteria as well as documenting the process with Ecology for offering off site organizations copies of Hanford emergency preparedness documentation.

## **Project Support**

- Analytical Services requested support on waste management issues at the laboratories in the areas of waste designation and land disposal restriction determinations. The first white paper has been drafted for the 222-S Laboratory concerning liquid analytical waste.
- The 219-S facility was assisted to determine applicability of 40 CFR Subpart BB requirements to their tank system and helped respond to CHG concerns over the introduction of acetonitrile/water mixture into the 219-S vault tanks.
- Initiated assistance with a TSCA/PCB assessment of the 222-S laboratory procedures. Specific tasks include establishing flow-down of the "Mega-Rule" for accepting Tank Farm waste samples with the intent of analyzing them to determine PCB concentrations and therefore TSCA applicability.

## **Environmental Notifications and Reporting**

- Regulatory reporting was coordinated for twenty-two (22) non-reportable releases of a hazardous substance and/or a petroleum product released to the environment. All of these releases were cleaned up and disposed of per state and federal requirements. There were no reportable events with a release to the environment. Two (2) reportable code non-compliance events and two (2) informational calls were reported directly to the regulators, and one (1) event which required a notification to the regulators per a regulatory agreement letter was made.
- The September 2000 NPDES report was compiled and submitted.

## **Management and Administrative Support**

- The first draft of an ISO-14001 analysis white paper was completed. This paper compiles information regarding comparative benefits of self-declaration and registration to the international standard for environmental management systems. ISO-14001 elements are included in the FH Integrated Environmental, Safety and Health Management System (ISMS).
- Interpretive authority review/support was provided to document completion of the Standards/Requirements Identification Documents (S/RID) Phase II Assessment. The scope of this support verified applicable implementation of the site wide environmental protection (Chapter 20) S/RID overall requirements document within the Hanford Procedures (HNF-PRO) system.

## **PUBLIC SAFETY AND RESOURCE PROTECTION (PSRP)**

- PNNL staff coordinated with Washington Department of Fish and Wildlife officials to estimate elk harvest for the current (2000) hunting season on lands adjacent to the Hanford Site. To date, over 100 animals have been taken and radio-equipped animal data suggest an additional 40 to 50 (15%) animals may be lost from crippling.
- Major accomplishments for the Cultural Resources Project during October included:
  - Sponsoring three Archaeology Month events
  - Completing a new version of our cultural resource geographical information system and version 1.0 of our ACCESS Site form
  - Completing the Native American Graves Protection and Repatriation Act documents for human remains;
  - Conducting the cultural resource fire assessment work.
- Staff attended a Department of Energy (DOE) complex-wide (HQ and Field Offices) environmental monitoring workshop at Lawrence Livermore National Laboratory, October 24-27, to discuss issues facing other sites within the DOE complex. A presentation was made on the Hanford Fire and discussions were held on the Biological Dose Assessment Committee's draft standard on estimating biota dose.
- Staff attended the National Sample Management Office (SMO) Workshop in Oak Ridge Tennessee, October 17-19, to assess potential impacts of proposed actions on the Surface Environmental Surveillance Project (SESP) and to meet with Oak Ridge Environmental Monitoring staff.

## **ISMS STATUS**

Nothing to report at this time.

## **BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT**

Nothing to report at this time.

## **UPCOMING ACTIVITIES**

- The Annual Benton County Air Authority (BCAA) Asbestos Notification is due December 31, 2000.
- The Quarterly RCRA Permit Class I Modification Notification is due January 2, 2001.
- Work is in progress on the next Quarterly NESHAP Status Report, which is due on January 29, 2001. Efforts have also been initiated on the CY 2000 Hanford Site Annual Dangerous Waste Report and the CY 2000 EPCRA Tier II Emergency & Hazardous Chemical Inventory Report; both reports are due to RL on February 21, 2001.
- The Annual Dangerous Wastes Reports and Tier II Emergency and Hazardous Chemical Inventories are due February 21, 2001.
- Ecology has again delayed issuance of Modification E of the Hanford Facility RCRA Permit (will

incorporate WRAP and CWC units), and is now projecting this will occur after January 1, 2001. It has been proposed to Ecology that some of the positive permitting agreements that came out of the recent 222-S Part B Permit application workshops be considered in permit conditions prepared for Modification E. To date, Ecology has stated it will consider only the 222-S agreements in finalizing Modification E.

- Environmental Services will compile hazardous chemical information from the Hanford facilities to prepare the Tier Two Emergency and Hazardous Chemical Inventory Report, which is due February 21, 2001 (Milestone ECP-01-501).
- Environmental Services will compile the dangerous waste generation and Waste Management activities on site for the Hanford Annual Dangerous Waste Reports, which are due February 21, 2001 (Milestone ECP-01-503).
- The annual Surface Environmental Surveillance Project design review process has been initiated and will culminate with the revision and distribution of the “CY 2000 Hanford Site Environmental Surveillance Master Sampling Schedule” by the end of February 2001.
- Summaries of CY 2000 Biodiversity Plot Monitoring Data and the Sage Brush Die-Off observed during the previous fiscal year will be completed during March 2001.
- The annual “Climatological Data Summary Report for CY 2000” is scheduled for completion and distribution by the end of May 2001.

### **COST PERFORMANCE (M):**

	<b>BCWP</b>	<b>ACWP</b>	<b>VARIANCE</b>
<b>Mission Support 1.8.2</b>	\$1.5	\$1.1	\$0.4

The \$0.4 million (24 percent) favorable cost variance is due to several factors. Further information at the PBS level can be found in the following Cost Variance Analysis details.

### **SCHEDULE PERFORMANCE (M):**

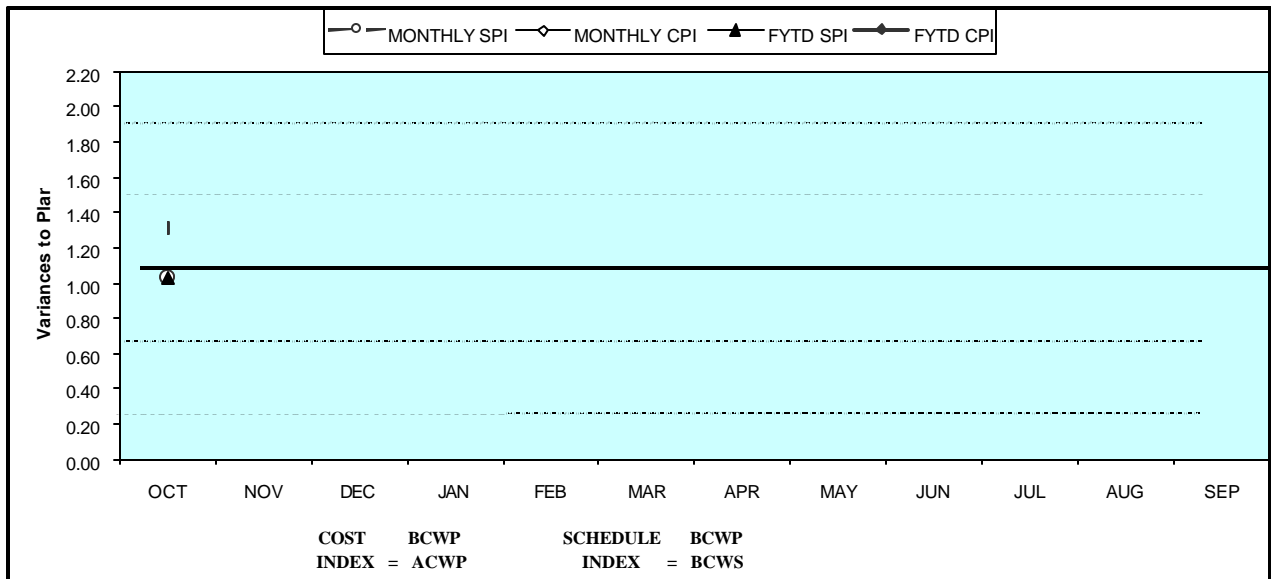
	<b>BCWP</b>	<b>BCWS</b>	<b>VARIANCE</b>
<b>Mission Support 1.8.2</b>	\$1.5	\$1.4	\$0.1

The \$0.1 million (3 percent) favorable schedule variance is due to several factors. Further information at the PBS level can be found in the following Schedule Variance Analysis details.

## FY 2001 COST/SCHEDULE PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

		FYTD							
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM
PBS OT01	Mission								
WBS 1.8.2	Support Other	\$ 1,438	\$ 1,482	\$ 1,131	\$ 44	3.1%	\$ 352	23.72%	\$ 24,052
	MYPs								
<b>Total</b>		<b>\$ 1,438</b>	<b>\$ 1,482</b>	<b>\$ 1,131</b>	<b>\$ 44</b>	<b>3.1%</b>	<b>\$ 352</b>	<b>23.72%</b>	<b>\$ 24,052</b>

## COST/SCHEDULE PERFORMANCE INDICES (MONTHLY AND FYTD)



FY 2001	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY SPI	1.03											
MONTHLY CPI	1.31											
FYTD SPI	1.03											
FYTD CPI	1.31											
MONTHLY BCWS	\$1,438	\$1,955	\$1,934	\$2,019	\$1,830	\$2,008	\$2,114	\$2,379	\$1,896	\$1,914	\$2,214	\$2,351
MONTHLY BCWP	\$1,482											
MONTHLY ACWP	\$1,131											
FYTD BCWS	\$1,438	\$3,393	\$5,327	\$7,346	\$9,175	\$11,183	\$13,297	\$15,676	\$17,572	\$19,487	\$21,701	\$24,052
FYTD BCWP	\$1,482											
FYTD ACWP	\$1,131											

## COST VARIANCE ANALYSIS: (\$0.4M)

### WBS/PBS

### Title

**1.8.2/OT01**

**Mission Support**

**Description/Cause:** The \$0.4 million (24 percent) favorable cost variance is due to several reasons listed below.

**1.8.2.1** – October accruals were not made for Fluor Federal Services, Mactec or Westec, because their contracts were not agreed to in time for month-end processing.

**1.8.2.3** – **1.** ECP WSCF sample analysis, fleet, and duplicating costs were not included in cost reports due to the cost feed to Fluor Unit Rate (FUR) failing at month end. **2.** Accrual reversals for FY-2000 contract accruals for which we have still not received invoices or the invoices were not cost processed before month end deadlines.

**1.8.2.4** – **1.** Outstanding analytical charges that have not yet been recorded in the PNNL financial system. **2.** A large number of staff took vacation in October. **3.** FY 2000 accruals that had not been reversed as of the end of October.

**Impact:** No impact.

**Corrective Action:** No corrective action required.

## **SCHEDULE VARIANCE ANALYSIS: (\$0.1M)**

### **WBS/PBS**

### **Title**

**1.8.2/OT01**                      **Mission Support**

**Description/Cause:** The \$0.1 million (3 percent) favorable schedule variance is within acceptable reporting thresholds.

**Impact:** No impact.

**Corrective Action:** No corrective action required.

## **ISSUES**

**Reconciliation of FH Project Cost Baselines** – In reconciling Program Baseline Summary (PBS) life cycle cost baselines reflected in the DOE-HQ Integrated Planning and Budgeting System (IPABS), with baselines provided in the RL Summary Schedule, it became apparent that some increased discipline is needed to maintain life cycle baselines consistent with approved baseline changes. The inconsistencies hamper FH Project Controls in providing RL and DOE-HQ with accurate baseline data in support of the proposed PBS restructure.

**Corrective Action/Status:** Project Controls continues to work with Projects to complete the needed baseline reconciliation. This issue will be on the agenda for the newly established Project Controls Leadership Forum meeting scheduled November 30, 2000.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN	BCR TITLE	FY00 COST IMPACT \$000	S C H	T E C H	DATE TO CCR	CCB APPROVD	RL APPROVD	CURRENT STATUS
SPI-2000-008	7/28/00	Baseline Modifications to Support FY 2001 MYWP Update							In Progress
SSE-2000-002	10/18/99	FY 99 Carryover							RWOA-F
SSE-2000-004	7/26/00	FY 2000 to FY 2001 BCR							In Progress
ECP-2000-003	12/15/00	Utilization of ECP FY - 99 Uncosted Carryover	\$449						RWOA-F
FH-2001-001	9/12/00	Base Ops Reduction for PHMC Projects	-\$535		X				Draft Prepared
FH-2001-002	9/25/00	FY2001 Fee Reduction to 90%	-\$129						Draft Prepared
PSR-2000-003	8/17/00	Revise Cultural resources Baseline to delete Scope due to Holdback of Funding for DOE-RL Intern	-\$50			08/22/00	08/22/00		In Progress
ADVANCE WORK AUTHORIZATIONS									
		Nothing to report.							

## MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	1	0	0	0	3	0	4
DOE-HQ	0	0	0	0	0	0	0	0
RL	0	0	0	0	0	1	0	1
Total Project	0	1	0	0	0	4	0	5

Only TPA/EA milestones and all FY 2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed.

The following chart summarizes the FY 2001 TPA/EA milestone achievement and a Milestone Exception Report follows.

<b>FY 2001 Tri-Party Agreement / EA Milestones</b>			
<b>Number</b>	<b>Milestone Title</b>	<b>Baseline Date</b>	<b>Actual Completion Date/Status</b>
ECP-01-901	Issue Quarterly NESHAP Status Report to RL for EPA	10/20/2000	10/17/2000
ECP-01-902	Issue Quarterly NESHAP Status Report to RL for EPA	1/29/2001	
ECP-01-904	Issue Quarterly NESHAP Status Report to RL for EPA	4/2/2001	
ECP-01-906	Issue Quarterly NESHAP Status Report to RL for EPA	8/31/2001	
<b>DNFSB Commitments</b>			
	Nothing to report at this time.		

## **MILESTONE EXCEPTION REPORT**

Nothing to report at this time.

## **PERFORMANCE OBJECTIVES**

Nothing to report at this time.

## **KEY INTEGRATION ACTIVITIES**

Specific components of the PS&RP Program are identified as a critical core project within the Groundwater/Vadose Zone Integration Project. As such, key activities relevant to both programs were integrated into FY 2001 detailed work plans as appropriate.